

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	wo-2005123303-\$. did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 14:53
S3	3	((("5363995") or ("5151201") or ("5024793")).PN.	US-PGPUB; USPAT	OR	OFF	2009/03/26 14:56
S4	1	DE-3428252-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 14:56
S5	1	DE-2533862-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 14:56
S6	1	1985-051328.NRAN.	DERWENT	OR	OFF	2009/03/26 15:04
S7	1	1976-17212X.NRAN.	DERWENT	OR	OFF	2009/03/26 15:05
S8	5	((("5363995") or ("5151201") or ("5024793") or ("4789651") or ("4310480")).PN.	US-PGPUB; USPAT	OR	OFF	2009/03/26 15:09
S9	5	S8 and (zirconium near oxide\$1 zirconia zro\$1)	US-PGPUB; USPAT	OR	OFF	2009/03/26 15:10
S10	5	S8 and (particle grain) near size\$1 and(zirconium near oxide\$1 zirconia zro \$1)	US-PGPUB; USPAT	OR	OFF	2009/03/26 15:10

S11	5	S8 and (pore porosity)and (particle grain) near size\$1 and(zirconium near oxide\$1 zirconia zro\$1)	US-PGPUB; USPAT	OR	ON	2009/03/26 15:11
S12	4	S8 and (pore porosity)and (particle grain) near size\$1 and(zirconium near oxide\$1 zirconia zro\$1) and carbon	US-PGPUB; USPAT	OR	ON	2009/03/26 15:12
S13	1	10/595517	US-PGPUB; USPAT	OR	ON	2009/03/26 15:50
S14	1	S13 and grain near size and fraction and mineralogically and chemically and recycled	US-PGPUB; USPAT	OR	ON	2009/03/26 15:50
S15	1	S11 not S12	US-PGPUB; USPAT	OR	ON	2009/03/26 15:54
S16	20009	(pore porosity)and (particle grain) near size\$1 and(zirconium near oxide\$1 zirconia zro\$1) and carbon	US-PGPUB; USPAT	OR	ON	2009/03/26 15:57
S17	3169	(pore porosity)and (particle grain) near size\$1 and refractory same(zirconium near oxide\$1 zirconia zro \$1) and (carbon bind \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 15:58
S18	1953	(pore porosity)and (particle grain) near size\$1 and refractory near10(zirconium near oxide\$1 zirconia zro\$1) and (carbon bind\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 15:59
S19	24	(pore porosity)and (particle grain) near size\$1 and refractory near10(zirconium near oxide\$1 zirconia zro\$1) and (carbon bind\$3) and (primary and secondary) near particle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 16:00

S20	19	porosity and (particle grain) near size\$1 and refractory near10 (zirconium near oxide \$1 zirconia zro\$1) and (carbon bind\$3) and (primary and secondary) near particle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 16:00
S21	1091	(porosity)and (particle grain) near size\$1 and refractory near10(zirconium near oxide\$1 zirconia zro\$1) and (carbon bind\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 16:01
S22	348	(porosity)same (zirconium near oxide \$1 zirconia zro\$1) and (particle grain) near size\$1 and refractory near10 (zirconium near oxide \$1 zirconia zro\$1) and (carbon bind\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 16:02
S23	264	(porosity)same (zirconium near oxide \$1 zirconia zro\$1) and (particle grain) near size\$1 and refractory near10 (zirconium near oxide \$1 zirconia zro\$1) and (bind\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 16:03
S24	1	S13 and grain near size and fraction and mineralogically and chemically and recycled and primary and secondary and plotted	US-PGPUB; USPAT	OR	ON	2009/03/26 16:11
S25	1	10/595517	US-PGPUB; USPAT	OR	ON	2009/03/27 09:51
S26	1	S25 and plotted	US-PGPUB; USPAT	OR	ON	2009/03/27 09:51
S27	1	S25 and pore\$1 and plotted	US-PGPUB; USPAT	OR	ON	2009/03/27 09:52

S28	5	((("5363995") or ("5151201") or ("5024793") or ("4789651") or ("4310480"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/03/27 10:05
S29	0	S28 and pore near (diameter\$1 distribution\$1 size\$1 volume\$1)	US-PGPUB; USPAT	OR	ON	2009/03/27 10:05
S30	0	S28 and pore\$1 near (diameter\$1 distribution\$1 size\$1 volume\$1)	US-PGPUB; USPAT	OR	ON	2009/03/27 10:06
S31	1	S28 and pore\$1	US-PGPUB; USPAT	OR	ON	2009/03/27 10:06
S32	264	(porosity)same (zirconium near oxide \$1 zirconia zro\$1) and (particle grain) near size\$1 and refractory near10 (zirconium near oxide \$1 zirconia zro\$1) and (bind\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:11
S33	89	S32 and pore\$1 near (diameter\$1 distribution\$1 size\$1 volume\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:11
S34	55	S32 and (pore\$1 near (diameter\$1 size\$1 volume\$1) and distribution\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:13
S35	7	S32 and pore\$1 near ((diameter\$1 size\$1 volume\$1) and distribution\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:13
S36	7	S32 and pore\$1 near (bimodal distribution \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:16

S37	312	(porosity)same (zirconium near oxide \$1 zirconia zro\$1) and pore\$1 near (bimodal distribution \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:20
S38	21	(porosity)same (zirconium near oxide \$1 zirconia zro\$1) and pore\$1 near (bimodal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:21
S39	17	S38 not S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:21
S40	32	(porosity)same (zirconium near oxide \$1 zirconia zro\$1) same pore\$1 near (bimodal distribution \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:24
S41	28	S40 not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 10:24
S42	5	S28 and (pore\$1 porosity)	US-PGPUB; USPAT	OR	ON	2009/03/27 11:15
S43	5	((("5363995") or ("5151201") or ("5024793") or ("4789651") or ("4310480"))),PNL	US-PGPUB; USPAT	OR	OFF	2009/04/02 10:25
S44	4	S43 and (tar\$1 or carbon)	US-PGPUB; USPAT	OR	OFF	2009/04/02 10:25
S45	4	S43 and (tar\$1 or carbon)and porosity	US-PGPUB; USPAT	OR	OFF	2009/04/02 10:32
S46	5	S43 and (zirconium near oxide\$1 zirconia zro\$1)	US-PGPUB; USPAT	OR	OFF	2009/04/02 10:43
S47	4	S45 and S46	US-PGPUB; USPAT	OR	OFF	2009/04/02 10:43
S48	4	S44 and (zirconium near oxide\$1 zirconia zro\$1)	US-PGPUB; USPAT	OR	OFF	2009/04/02 10:49

S49	5	S43 and (pore porosity)	US-PGPUB; USPAT	OR	ON	2009/04/02 14:15
S50	364	(pore porosity)and (particle grain) near size\$1 and refractory and (carbon bind\$3) and (primary secondary) near particle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 07:40
S51	332	(pore porosity)and (particle\$1 grain\$1) near size\$1 and refractory and (carbon) and (primary secondary) near particle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 07:41

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(( (pore porosity)and (particle\$1 grain\$1) near size\$1 and refractory and (carbon) and (primary secondary) near particle\$1 ).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 10:34
L2	8	(( (pore porosity)and (particle\$1 grain\$1) near size\$1 and refractory and (carbon) and (primary secondary) ). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 10:35

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